

## Index

January 3, 1983, through March 28, 1983 (Volume 6, Nos. 1-13)

Every 3 months a SATELLITE NEWS index is sent to you at no extra charge. The references are to the major subjects of the indicated articles. Dates are the cover dates of the issues and page numbers refer to the page on which the article appears.

- Alescom, schoolboy wins satellite-naming contest; Satcom V now "Aurore" --Feb.7,p.6; continues to push for bush earth station hearings--Mar. 21.p. 3.
- Amalgamated Wireless (Australasia) Ltd. (AWA), gets contract for Aussat ground segment--Jan.3,p.2.

  American Bell Inc., to provide Picturephone Meeting Service through
- Headquarters Companies Inc. -- Jan. 10, p. 2.

  American Hospital Video Network, still on "hold," summer start-up
- planned--Feb. 7, p. 6.
- American Satellite Co., awards RCA \$100 million-plus contract for 2 satellites--Mar.14,p.1. Argo Group Inc., Centel completes investment; plans digital satellite
- system-Mar.21,p.3.
- Ariane, schedule slips, 1983 manifest cut back--Jan.17,p.8; delays put
  Eutelsat network 6 months behind schedule--Jan.31,p.6; next launch
  set for Hay 27; payload to include Eutelsat's ECS-1--Peb.21,p.5;
  new launch schedule issued by ESA, 16 flight now set for June 3-Feb.28,p.6; launches for 1984-86 rescheduled by ESA, Ariane space --Mar.7, p.6.
- Ariane 4, Arianespace for announce pricing policy this month -- Jan. 3,
- Arianespace, to announce Ariane 4 pricing policy this month--Jan. 3, p. 4.
- Blairsat Inc., folds TV ad service after losing \$7 million -- Jan. 3, p. 6. British Aerospace, wins Giotto contract -- Jan. 3, p. 4; wins \$253 million L-Sat contract; marketing of derivatives planned -- Jan. 17, p. 5; joins with Matra to buy control of financially ailing Eurosat --Feb. 21, p. 5.
- British Telecom International, chooses site for new space communications center--Jan. 31, p. 5,
- Brown, Rep. George, bill would stress civilian use of space--Jan.31,
- Budget, FY 1984 budget unlikely to shed light on 2 space issues--Jan. 31,p.8.
- California Microwave, earnings up 41% in second quarter-Feb.14,p.3.

  Canada, new policy would permit sale of U.S. satellite TV-Mar.7,p.1;
  ends earth station licensing-Mar.7,p.1; FCC approves satellite services-Mar.7,p.2; new open door policy may leave border only slightly ajar-Har.14,p.5; TVROs boom after government deregu-
- lates equipment-Mar. 28, p. 5. Catholic Telecommunications Network of America, announces choice of Orion security system--Jan.24,p.8; switches from Bonneville to Wold on Wester IV--Mar.21,p.8.
- China, People's Republic, expects to launch geosynchronous satellite in '83--Feb.21,p.1.
- Contect Telecommunications, plans to sell notes, gets or manager line-Jan. 31,p.6; dramatic drop in second-quarter income reflects unique 1982 bulge-Mar.16,p.4.

  unique 1982 bulge-Mar.16,p.4. nications, plans to sell notes, gets \$6 million credit
- unique 1982 bulge--Har.14.p.4.

  Comsat, FCC allows direct access to Intelsat service to begin--Jan.3, p.6; FCC sweeps aside IRC's protests against direct access, approves license--Jan.31,p.2; proposes changing jurisdictional vs. nonjurisdictional costs spread--Jan.31,p.2; submits financial plan estimating need for \$424 million over 3 years--Feb.14,p.1; revenues reach record high of \$409.5 million in 1982--Feb.21,p.8; financial planners study stock split, dividend to raise new equity--Feb.21,p.8; appeals court stops from retailing international services--Mar.7.p.3; board proposes stock split to increase common to vices-Mar.7,p.3; board proposes stock split to increase common to 18 million shares-Mar.21,p.1; talks "tough" in attacking Orion's trans-Atlantic ambitions-Mar.21,p.4; Goldstein set to replace
- Charyk as president; Harper to step down-Har. 28, p. 1. Comsat General, begins New York-London videoconferencing service with Intercontinental -- Jan. 24, p. 7.
- Direct Broadcast Satellite, FCC gets 4 second-round DBS applications to date-Jam.10,p.4; FCC proposes alternative spectrum for terrestri-al users displaced by-Jam.17,p.4; DBS and CATV link-up may out-mode today's TV affiliate networks, FCC commissioner says-Jam.24, p.1; companies form trade association-Feb.28,p.8; test results of DBS encryption system please Phasorlink-Har. 14, p. 4.

- Digital Termination Systems (DTS), Federal Express, Icom systems approved by FCC--Mar.7,p.3.
- Digital Video Systems, bought by Scientific-Atlanta -- Jan. 17, p. 5.
- Entertainment Channel, to fold March 31, but will keep Wester IV transponders--Feb. 28, p. 2.
- European Satellite Consulting Organization, new consulting firm formed, will work with Intelsat -- Feb. 28, p. 5.
- European Meteorological Satellite Organization (Eumetsat), to be formed in mid-May--Mar. 28, p. 6.
- European Space Agency, astronauts selected for Shuttle mission--Jan.3, p.3; choses 5 scientific projects for study--Jan.3,p.4; calls for proposals for sounding rocket microgravity mission-Jan. 10, p.5; members agree to fund \$11 million study of future space systems-Jan. 31, p.5; issues new Ariane launch schedule, L6 flight now set for June 3-Feb. 28, p.6; also decides to transfer Exosat to Delta launch in May-Feb. 28, p.6.

  Eurosat, British Aerospace, Matra buy control of financially siling
- company--Feb.21,p.5.
  Eutelsat, Italy joins convention--Jan.31,p.5; Ariane delays put 6
  months behind schedule--Jan.31,p.6; to lease ECS-1 transponders to member nations -- Feb. 7, p. 5.
- FCC, WU plans to seek Advanced Wester orbital slots for other use -- Jan. Appl; allows Commant to begin direct access to Intelsat service— Jan. 3,p.6; comments supporting mobile satellite system trickle into—Jan. 1,p.6; proposes alternative spectrum for terrestrial users displaced by DBS--Jan.17,p.4; finds itself choosing between satellites and optical fiber--Jan.17,p.6; Sharp says DBS, CATV link-up may outmode today's TV affiliate networks--Jan.24,p.1; link-up may outmode today's TV affiliate networks--Jan.24,p.1; sweeps aside IRC's protests against direct access; approves Comsat's license--Jan.31,p.1; rules in favor of SBS in WATS dispute--Jan.31,p.2; networks repudiate Sharp's vision of future without affiliates--Feb.7,p.4; SBS ask WU not be allowed to "inherit" Advance Westar orbital slots--Feb.7,p.7; SBS supports DEMS/DTS ruling contested in U.S. Appeals Court--Feb.28,p.3; SBS asks for elimination of marketing restrictions--Feb.28,p.3; informs MCI that information about SPCC's transfer to CTE will remain confidential--Bb.28, p.3; approves astallite services to Canada Mevidential-Feb. 28, p. 3; approves satellite services to Canada, Mexico, offshore islands-Mar. 7, p. 2; approves DTS, DEMS systems of Federal Express, Icom-Mar.7,p.3; wants \$6.3 million fiscal 1984 budget increase--Mar.7,p.5; Fowler expresses warm spot for fiber
- optics-Har.14,p.5. Fiber Optics, FCC Chairman Fowler expresses warm spot for fiber optics
- --Mar. 14, p. 5. Financial News Network, jumps from Westar IV to Satcom IV; Wold plans to sue--Jan. 24, p. 3
- France, space budget set at \$507 million--Feb. 28, p. 5.
- General Electric Co., develops "suitcase" earth station with NASA -- Jan.
- 3,p.3.

  General Instrument, USTV places \$600 million order--Feb.7,p.2; works on DBS with M/A-Com, SBS tests satellite with GI unit--Mar.21,p.8.
- GTE Satellite Corp., cuts back on number of transponders; looks at higher power levels--Jan. 31, p. 3; decides against power boost USCI transponders--Feb.14,p.2; and USCI get Telesat to drop West-ern transponder from Anik C contract--Feb.28,p.8.
- GTI Corp., drops materials-processing venture with NASA-Mar. 28, p. 2.
- Harris Corp., UPI to buy up to 1,400 earth stations from Harris--Jan.
- Headquarters Companies Inc., to provide Bell's Picturephone Meeting Service--Jan. 10, p. 2.
- Service--Jan. 10,p.2.
  Home Box Office, picks M/A-Com as supplier of scrambling equipment-Jan. 24,p.8; SPACE scrambles with decision to encrypt--Feb. 7,p.4.
  Hughes Aircraft Co., Hughes subsidiary awards contract to Australian
  firm for Aussat ground segmenet--Jan. 3,p.2; gains patent for
  cluster concept--Mar. 14,p.6.
  Hughes Communications, MCI to buy 24 transponders on Galaxy II and III
  satellites--Feb.7,p.1; IBM contracts with Hughes for Galaxy II
  teleconferencing capacity--Mar. 14,p.8.



## Index

January 3, 1983, through March 28, 1983 (Volume 6, Nos. 1-13)

Every 3 months a SATELLITE NEWS index is sent to you at no extra charge. The references are to the major subjects of the indicated articles. Dates are the cover dates of the issues and page numbers refer to the page on which the article appears.

- Alescom, schoolboy wins satellite-naming contest; Satcom V now "Aurore" --Feb.7,p.6; continues to push for bush earth station hearings--Mar. 21.p. 3.
- Amalgamated Wireless (Australasia) Ltd. (AWA), gets contract for Aussat ground segment--Jan.3,p.2.

  American Bell Inc., to provide Picturephone Meeting Service through
- Headquarters Companies Inc. -- Jan. 10, p. 2.

  American Hospital Video Network, still on "hold," summer start-up
- planned--Feb. 7, p. 6.
- American Satellite Co., awards RCA \$100 million-plus contract for 2 satellites--Mar.14,p.1. Argo Group Inc., Centel completes investment; plans digital satellite
- system-Mar.21,p.3.
- Ariane, schedule slips, 1983 manifest cut back--Jan.17,p.8; delays put
  Eutelsat network 6 months behind schedule--Jan.31,p.6; next launch
  set for Hay 27; payload to include Eutelsat's ECS-1--Peb.21,p.5;
  new launch schedule issued by ESA, 16 flight now set for June 3-Feb.28,p.6; launches for 1984-86 rescheduled by ESA, Ariane space --Mar.7, p.6.
- Ariane 4, Arianespace for announce pricing policy this month -- Jan. 3,
- Arianespace, to announce Ariane 4 pricing policy this month--Jan. 3, p. 4.
- Blairsat Inc., folds TV ad service after losing \$7 million -- Jan. 3, p. 6. British Aerospace, wins Giotto contract -- Jan. 3, p. 4; wins \$253 million L-Sat contract; marketing of derivatives planned -- Jan. 17, p. 5; joins with Matra to buy control of financially ailing Eurosat --Feb. 21, p. 5.
- British Telecom International, chooses site for new space communications center--Jan. 31, p. 5,
- Brown, Rep. George, bill would stress civilian use of space--Jan.31,
- Budget, FY 1984 budget unlikely to shed light on 2 space issues--Jan. 31,p.8.
- California Microwave, earnings up 41% in second quarter-Feb.14,p.3.

  Canada, new policy would permit sale of U.S. satellite TV-Mar.7,p.1;
  ends earth station licensing-Mar.7,p.1; FCC approves satellite services-Mar.7,p.2; new open door policy may leave border only slightly ajar-Har.14,p.5; TVROs boom after government deregu-
- lates equipment-Mar. 28, p. 5. Catholic Telecommunications Network of America, announces choice of Orion security system--Jan.24,p.8; switches from Bonneville to Wold on Wester IV--Mar.21,p.8.
- China, People's Republic, expects to launch geosynchronous satellite in '83--Feb.21,p.1.
- Contect Telecommunications, plans to sell notes, gets or manager line-Jan. 31,p.6; dramatic drop in second-quarter income reflects unique 1982 bulge-Mar.16,p.4.

  unique 1982 bulge-Mar.16,p.4. nications, plans to sell notes, gets \$6 million credit
- unique 1982 bulge--Har.14.p.4.

  Comsat, FCC allows direct access to Intelsat service to begin--Jan.3, p.6; FCC sweeps aside IRC's protests against direct access, approves license--Jan.31,p.2; proposes changing jurisdictional vs. nonjurisdictional costs spread--Jan.31,p.2; submits financial plan estimating need for \$424 million over 3 years--Feb.14,p.1; revenues reach record high of \$409.5 million in 1982--Feb.21,p.8; financial planners study stock split, dividend to raise new equity--Feb.21,p.8; appeals court stops from retailing international services--Mar.7.p.3; board proposes stock split to increase common to vices-Mar.7,p.3; board proposes stock split to increase common to 18 million shares-Mar.21,p.1; talks "tough" in attacking Orion's trans-Atlantic ambitions-Mar.21,p.4; Goldstein set to replace
- Charyk as president; Harper to step down-Har. 28, p. 1. Comsat General, begins New York-London videoconferencing service with Intercontinental -- Jan. 24, p. 7.
- Direct Broadcast Satellite, FCC gets 4 second-round DBS applications to date-Jam.10,p.4; FCC proposes alternative spectrum for terrestri-al users displaced by-Jam.17,p.4; DBS and CATV link-up may out-mode today's TV affiliate networks, FCC commissioner says-Jam.24, p.1; companies form trade association-Feb.28,p.8; test results of DBS encryption system please Phasorlink-Har. 14, p. 4.

- Digital Termination Systems (DTS), Federal Express, Icom systems approved by FCC--Mar.7,p.3.
- Digital Video Systems, bought by Scientific-Atlanta -- Jan. 17, p. 5.
- Entertainment Channel, to fold March 31, but will keep Wester IV transponders--Feb. 28, p. 2.
- European Satellite Consulting Organization, new consulting firm formed, will work with Intelsat -- Feb. 28, p. 5.
- European Meteorological Satellite Organization (Eumetsat), to be formed in mid-May--Mar. 28, p. 6.
- European Space Agency, astronauts selected for Shuttle mission--Jan.3, p.3; choses 5 scientific projects for study--Jan.3,p.4; calls for proposals for sounding rocket microgravity mission-Jan. 10, p.5; members agree to fund \$11 million study of future space systems-Jan. 31, p.5; issues new Ariane launch schedule, L6 flight now set for June 3-Feb. 28, p.6; also decides to transfer Exosat to Delta launch in May-Feb. 28, p.6.

  Eurosat, British Aerospace, Matra buy control of financially siling
- company--Feb.21,p.5.
  Eutelsat, Italy joins convention--Jan.31,p.5; Ariane delays put 6
  months behind schedule--Jan.31,p.6; to lease ECS-1 transponders to member nations -- Feb. 7, p. 5.
- FCC, WU plans to seek Advanced Wester orbital slots for other use -- Jan. Appl; allows Commant to begin direct access to Intelsat service— Jan. 3,p.6; comments supporting mobile satellite system trickle into—Jan. 1,p.6; proposes alternative spectrum for terrestrial users displaced by DBS--Jan.17,p.4; finds itself choosing between satellites and optical fiber--Jan.17,p.6; Sharp says DBS, CATV link-up may outmode today's TV affiliate networks--Jan.24,p.1; link-up may outmode today's TV affiliate networks--Jan.24,p.1; sweeps aside IRC's protests against direct access; approves Comsat's license--Jan.31,p.1; rules in favor of SBS in WATS dispute--Jan.31,p.2; networks repudiate Sharp's vision of future without affiliates--Feb.7,p.4; SBS ask WU not be allowed to "inherit" Advance Westar orbital slots--Feb.7,p.7; SBS supports DEMS/DTS ruling contested in U.S. Appeals Court--Feb.28,p.3; SBS asks for elimination of marketing restrictions--Feb.28,p.3; informs MCI that information about SPCC's transfer to CTE will remain confidential--Bb.28, p.3; approves astallite services to Canada Mevidential-Feb. 28, p. 3; approves satellite services to Canada, Mexico, offshore islands-Mar. 7, p. 2; approves DTS, DEMS systems of Federal Express, Icom-Mar.7,p.3; wants \$6.3 million fiscal 1984 budget increase--Mar.7,p.5; Fowler expresses warm spot for fiber
- optics-Har.14,p.5. Fiber Optics, FCC Chairman Fowler expresses warm spot for fiber optics
- --Mar. 14, p. 5. Financial News Network, jumps from Westar IV to Satcom IV; Wold plans to sue--Jan. 24, p. 3
- France, space budget set at \$507 million--Feb. 28, p. 5.
- General Electric Co., develops "suitcase" earth station with NASA -- Jan.
- 3,p.3.

  General Instrument, USTV places \$600 million order--Feb.7,p.2; works on DBS with M/A-Com, SBS tests satellite with GI unit--Mar.21,p.8.
- GTE Satellite Corp., cuts back on number of transponders; looks at higher power levels--Jan. 31, p. 3; decides against power boost USCI transponders--Feb.14,p.2; and USCI get Telesat to drop West-ern transponder from Anik C contract--Feb.28,p.8.
- GTI Corp., drops materials-processing venture with NASA-Mar. 28, p. 2.
- Harris Corp., UPI to buy up to 1,400 earth stations from Harris--Jan.
- Headquarters Companies Inc., to provide Bell's Picturephone Meeting Service--Jan. 10, p. 2.
- Service--Jan. 10,p.2.
  Home Box Office, picks M/A-Com as supplier of scrambling equipment-Jan. 24,p.8; SPACE scrambles with decision to encrypt--Feb. 7,p.4.
  Hughes Aircraft Co., Hughes subsidiary awards contract to Australian
  firm for Aussat ground segmenet--Jan. 3,p.2; gains patent for
  cluster concept--Mar. 14,p.6.
  Hughes Communications, MCI to buy 24 transponders on Galaxy II and III
  satellites--Feb.7,p.1; IBM contracts with Hughes for Galaxy II
  teleconferencing capacity--Mar. 14,p.8.

IBM, contracts with Hughes for Galaxy II teleconferencing capacity--Mar. 14, p. 8.

Mar.14,p.8.

Inmarsat, United Arab Emirates joins-Jan.31,p.5; experiences 60% user growth in first year of operations--Feb.7,p.5.

Intelsat, Spar says Intelsat IV contracts are now worth about \$30 million-Jan.10,p.5; Pacific communications plan revealed, to be presented in Hawaii--Jan.17,p.1; M/A-Com tries to overcome obstacles to Intelsat information--Jan.17,p.4; suggests "universal coverage" satellite system-Jan.24,p.4; 5 candidates now in race for director-general--Feb.7,p.5; Orion Satellite formed in Washington to challenge Intelsat in Atlantic--Mar.14,p.8; board to interview D-C candidates at its next meeting, decides to move ahead with business service--Mar.21,p.5; director-general candidate Colino interview-Mar.21,p.6-7. -- Mar. 21, pp. 6-7.

view-Mar.21,pp.6-7.
Intelsat V, F-6, launch set for mid-April--Mar.28,p.10.
Intercontinental Hotels Corp., begins New York-London videoconferencing service with Commat-Jan.24,p.7.
Interstate Communications Inc., installing satellite system for radio stations in 2 states-Jan.3,p.5.

Italy, Italian companies form consortium to make space hardware--Feb. 21,p.5; Selenia Spazio seeks merger with 2 companies-Har. 28,p.5.

Japan, Japanese suggest "universal coverage" satellite system -- Jan. 24, p.4; major Japanese thrust in launch vehicles, satellite system—Jan.24, p.4; major Japanese thrust in launch vehicles, satellites seen coming-Jan.24, p.5; space budget of about \$360 million supports launcher, satellite development—Jan.31, p.6; to launch first operational communications satellite Feb.4-Jan.31, p.8; successfully launches first operational communications satellite--Feb.7,p.8; faces problems in developing H-1 launcher needed for large satellites--Feb. 28, p.6; first communications satellite arrives on station-Mar.7.p.5

Kosmos 1402, red satellite still falling, re-entry expected Jan. 19-26

--Jan.17,p.8.
Ku-band (14/12 GHz), Special Report: Ku-Band Potential Weighed at Con-

ference; Demand Peak in 1990 Seen--Feb.14, p.4. Landsat, NOAA selling thematic mapper products, issues price schedule-Jan. 3.p. 2: Reagan expected to decide soon in favor of commercialization; NOAA asks for \$29 million for Landsat in FY 1984 -- Feb. 7, p. 8.

Landsat 4, faulty transmitter silences thematic mapper; TDRSS may solve

problem -- Feb. 28, p. 1. L-Sat, British Aerospace wins \$253 million contract, marketing of derivatives planned--Jan.17,p.5.

Launches, commercial; fledgling industry appears to favor FAA regulation-Har. 28, p. 2.

M/A-Com, works on DBS with General Instrument, SBS tests its satellite with GI unit--Mar.21,p.8.
M/A-Com DCC Inc., to sell SPCC more then \$28 million worth of equipment -- Jan.31,p.1.

M/A-Com Linkabit, HBO picks M/A-Com to provide scrambling equipment--Jan. 24.p.8. M/A-Com Video Satellite Inc., to supply Matra of France with 30 Ku-band

earth stations -- Feb. 21, p. 2. Marconi Space and Defense Systems Ltd., to study advanced orbital pro-pulsion for ESA--Jan.31,p.5.

pulsion for ESA-Jan.31,p.5.

Mattin Marietta, joins forces with Orbital Systems on upper stage development-Feb.7,p.3.

Matta, M/A-Gow Video Satellite Inc. to supply with 30 Ku-band earth attacons-Feb.21,p.2; joins with British Aerospace to buy control of financially siling Eurosat-Feb.21,p.5.

MCI Communications, to buy 24 Hughes transponders, spend \$200-300 mil-lion on satellite program-Feb.7,p.1; informed by FCC that SPCC transfer to GTE details will remain confidential-Feb.28,p.3.

Mexico, U.S. Export-Import Bank guarantees \$127.5 million for satellite system--Feb.28,p.2; Comsat General gets nod as consultant--Feb.28, Microdyne Corp., breaks into 2 markets: Ku-band video, state radio net-

working--Mar.21,p.8.
Mitel Corp., cancels pact with Scientific Atlanta--Feb.7,p.6.
Moakley, Rep. Joe, spearheads Congressional drive against space weapons -- Feb. 7. p. 6.

Mobile Satellite Corp., plans to set up system -- Har. 21, p. 2.

Mobile Satellite Service, comments support, though some would like it elsewhere-Mar.21,p.2.

NASA, Orbital Systems Corp. study private upper stage--Jan.3,p.3; pay-load specialists line up for Shuttle launches--Jan.3,p.3; develops "suitcase" earth station with GE--Jan.3,p.3; list of launches for 1983--supplement; Challenger still delayed by leak; earliest launch date now Feb. 1--Jan.10,p.8; insiders asy Reagan decisions imminent on Shuttle--Jan.10,p.8; launch of Challenger delayed imminent on Shuttle-Jan. 10, p. 5; launch or unallenger orlayed again, engine test firing scheduled-Jan. 17, p. 8; jint continues, TDRSS called "costly blunder" by Proxmire-Jan. 17, p. 8; Challenger's problems continue to delay STS-5 TDRSS; internal leak found -Jan. 11, p. 8; seeks no fifth Shuttle money, but continues Space-Tran talks-Feb.7, p. 2; expected to decide on third firing of Challenger of the seeks of the s Tran talks--Feb.7.p.2; expected to decide on third firing of Chal-lenger, pull problem engine--Feb.7.p.3; struggles with another en-gine leak; early March launch unchanged for Shuttle--Feb.14,p.6; Sixth Shuttle mission now set for March; Delta eyed as gap-filler -Feb.21,p.4; names crews for lith, 12th Shuttle missions--Feb.21, p.4; pulls 3 engines from Challenger, but hopes for late March launch--Mar.7,p.8; names crew for STS-13--Mar.7,p.8; STS-6 launch postponed again as payload contamination adds to Challenger's woes --Mar.1 h. B. issues EFE on 20.00 CM - ACTS conserts occurs. postponed again as payload contamination adds to challenger's wees --Mar.14, p.8; issues RFPs on 30/20 GHz ACTS, expects contract award in December--Mar.21,p.1; GTI Corp., drops materials-processing venture---Mar.28,p.2; MOAA-E weather satellite; TDRSS ready for launch to be followed by Satcom IR, Intelsat V, F-6--Mar.28,p.10.

Nashville Network, set to begin programming via Westar V-Mar.7,p.5. National Christian Network, is a second-round DBS applicant--Jan.10,

National Microtech, 2 founders leave to form new satellite ventures-Jan. 10. p. 4

National Oceanic & Atmospheric Administration (NOAA), selling thematic mapper products, issues price schedule--Jan.3,p.2; White House decides to transfer land-, weather-sensing satellites to industry--

National Telecommunications and Information Administration, says U.S. must quit spinning wheels in world telecommunications arena -- Har. 7.p.4.

NBC, favors 14/12 GHz for satellite system--Jan.24,p.3. Netherlands, sets space budget--Jan.10,p.5. NOAA, asks for \$29 million for Landsat in FY 1984--Feb.7,p.8; McElroy says remote-sensing commercialization will be spectator aport-Mar.28,p.4; MOAA-E satellite ready for launch-Har.28,p.10.
MORAD, may have found Satcom III, also tracks possible Soviet reusable

vehicle-Har. 21, p. 1.

Norway, to cooperate with Sweden on Tele-X satellite project -- Har. 28.

Oak Industries, restructures management, eliminates 30 jobs--Jan.24, p.8; Catholic Network chooses Orion security system--Jan.24,p.8. ON-TV, climbs on satellite with 20,000 subscribers--Feb.28,p.8.

Optical Fiber, FCC finds itself choosing between satellites and optical fiber--Jan.17,p.6; test allows 100,000 intercity calls--Jan.17, p.6.

Orbital Systems Corp., WASA study private upper stage -- Jan. 3, p. 3; joins

forces with Martin Marietta on upper stage development--Feb.7,p.3.

Grion Communications Satellite Corp., formed in Washington to challenge
Intelsat in Atlantic--Mar.14,p.8; Compat talks "tough" in attacking trans-Atlanric ambitions--Mar.21,p.4; Pelton, fresh from Sydney, assesses proposal--Har.28, p.1. Orrox Corp., suffers heavy losses in '82, Satcom curtailment alone

costs \$2.3 million-Har.21,p.4.

Pacific Telecommunications Conference 1983, Intelsat's Pacific Communications plan revealed-Jan.17,p.1; Japanese report reaches similar conclusions-Jan.17,p.3; satellite service proposals and Japanese thrust highlight PTC '83-Jan.24,pp.4-5.

Percheron, failure behind him, Hudson takes off on new tack in private launching--Feb. 28, p. 4.

Phasorlink Systems Inc., test results of DBS encryption system please Phasorlink-Mar.14,p.4.

Phillips Publishing, Inc., telecommunications technology seminar set for Harch 7,8--Feb.28,p.5.

Plessey to., to buy up to 30% of Scientific-Atlanta; joint wenture formed--Jan.10,p.1; says it will pay cash for Scientific-Atlanta stock--Jan.31.p.3.
Port Authority of N.Y./N.J., teleport proposal grinding through local

mill--Feb. 21, p. 6. approval

Programming, 2 major British entertainment companies join to develop satellite programming -- Jan. 17, p. 5.

- Prudentiel Insurance Co., reportedly considers investing in USTV--Jan. 10,p.8; expected to sign DBS deal Friday, reveal company Monday Jan.31,p.3; agrees to invest \$45 million in USTV--Feb.7,p.1.
- Radiation Systems, reports second-quarter income up 372--Jan.31,p.4.
  RCA Americom, asks FCC for permission to sell 3 more Satcom IV transponders--Jan.10,p.4; Inglis to retire and be replaced by Tietjen -Jan. 24, p. 2; increases power of planned Ku-band satellites to 40

watts-Feb.14,p.1.
RCA Astro-Electronics, American Satlelite awards RCA \$100 million-plus

contract for 2 satellites—Mar.14,p.l.

RCA Globecom, says FCC action permitting direct Intelsat access could cost it \$17.9 million annually—Jan.3,p.6.

Region 2 Administrative Radio Conference, FCC recommends seeking at least 8 orbital slots for DBS at international conference-Har.14, p.3; preparations show improvement at hearing on Hill; White House approves delegates--Mar.14,p.4.

imminent-Jan.10,p.8; Swedish Space Corp. venture to process data
--Jan.17,p.5; Reagan expects to decide soon in favor of commercialization-Feb. 7, p. 8; Reagan decides to transfer weather-, landsensing satellites to industry-Har.14.p.l; McElroy says remote-sensing commercialization will be "spectator sport"-Har.28,p.4.

Satcom, bows out of DBS equipment market, lays off 50, ceases manufacturing activities—Feb.21,p.3.

Satcom IR, launch set for April 9-10—Mar.28,p.10.

Satcom III, may have been found by NORAD—Har.21,p.1.

Satcom V, named "Aurora" by schoolboy in contest—Feb.7,p.6.

Satellite America Inc., 2 founders leave National Microtech to form new satellite ventures—Jan.10,p.4.

Satellite Business Systems, leases Ku-band capacity to Videostar—Jan.—24,p.6; saks FCC to prevent WU from "inhariting" Advanced Mestar slots—Feb.1,p.7; tells FCC why USCI should use its satellites—Feb.14,p.3; takes on more of a telephone company look with new subsidiary—Feb.28,p.1; supports FCC DEMS—DTS ruling contested in U.S. Appeals Court—Feb.28,p.3; USCI says SBS can't fill its needs; SBS disagrees—Har.14,p.6; SBS applies to sell 5 trans—ponders—Mar.14,p.6; for Instrument unit with its satel ponders--Mar.14,p.6; tests General Instrument unit with its satel-lite--Mar.12,p.8; forms "oil man's telephone company" with Geosource-Har. 28, p. 3.

Satellite Development Trust, is a second-round DBS applicant -- Jan. 10,

Satellite Television Corp., considers rural telephone companies as program and equipment distributors -- Feb. 14, p. 2; court refuses to en join STC from building direct broadcast system -- Feb. 21, p. 4. Satellite Transmission Systems, to fill 2 contracts worth \$12 million-

Mar. 14.p.6.

SBS Real Estate Communications Corp., SBS takes on more of a telephone

company look with new subsidiery--Feb. 28,p.1.

Scientific-Atlanta, Flessey of U.K. to buy up to 30% of S-A; joint venture formed--Jan. 10,p.1; buys Digital Video Systems, expects encryption product soon--Jan. 17,p.5; second-quarter net income plunges by 95%--Jan. 24,p.6; Plessey says it will pay cash for stock--Jan. 31,p.3; Mitel cancels pact--Feb. 7,p.6.

Southern Pacific Communications Co., takes AT&T back to court after losing suit-Jan.17,p.3; signs with M/A-Com for more than \$28 million worth of equipment-Jan.31,p.1; FCC tells MCI that information about SPCC transfer to GTE will remain confidential-Feb.28,

Skylink Corp., plans to set up own system—Har.21,p.2.

Skylink Corp., plans to set up own system—Har.21,p.2.

SPACE, scrambles to cope with HBO's decision to encrypt—Feb.7,p.4.

Space Communications Inc., WU sells share to Fairchild, Continental for 329 million—Jan.3,p.1.

Space Insurance, London underwriters call 1982 "disastrous," suffer

Space Insurance, London underwriters call 1982 "disastrous," suffer space losses of \$85 million-Jan.31,p.5.

Space Shuttle, Challenger launch delayed again, engine test firing scheduled-Jan.17,p.8; problems continue to delay STS-6, TDRSS; internal lesk found-Jan.31,p.8; sixth mission now set for March; Delta eyed as gap-filler-Feb.21,p.4.

Space Transportation Co., MASA continues talks-Feb.7,p.2.

Spar Aerospace, Spar says Intelset IV contracts are now worth about \$30 million-Jan.10,p.5; reports income quadrupled in 1982, plans

worth about \$30 stock split-Har. 28, p. 6.

Spectradyne, to provide TV programming to 100 Mariott Hotels, orders earth stations--Feb. 21, p. 6.

Earth stations—reo. 41, p. o.

Spot Image, opens Washington office—Jan. 31, p. 4.

Sweden, to cooperate with Norway on Tele-X satellite project—Har. 28, p.5.

- Swedish Space Corp., venture to process remote-sensing data--Jan.17, p. 5.
- Swigert, Jack; representative-elect dies, was Apollo 13 crew member --Jan. 3. p. 5.

Teleports, N.Y./N.J. proposal grinding through local approval mill—
Feb.21,p.6; while Columbus company engages MPR official as consultant—Feb.21,p.6; satellite teleport to be constructed in Chicago
area this summer—Mar.28,p.9; Merrill Lynch, Western Union form
joint venture to run teleport in New York—Mar.28,p.9.

Telesat Canada, Anik C start-up to bring pay—TV to Canada; some DBS—
type services develop—Jan.10,p.5; signs 5-year pacts with Anik
programmers—Jan.31,p.4; tallies up \$52 million list of contracts
on Anik C—Teb.14,p.5; USCI and CSst get Telesat to agree to drop
Western transponders from Anik C contract—Feb.28,p.8.

Tele—X. Sweden, Norway to cooperate on TeleX satellite project—Mar.

Tele-X, Sweden, Norway to cooperate on Tele-X satellite project--Mar. 28,p.5.

Telspace, consortium gets order for 50 earth stations for Telcom I net-work--Feb. 28, p. 5.

30/20 GHz, NASA issues RFPs on ACTS, expects contract award in December -- Mar. 21, p. 1. Tracking & Data Relay Satellite System (TDRSS), WU sells share in Spacecom to Fairchild, Continental for \$29 million--Jan.3,p.1; jinx continues, called "coatly blunder" by Proxmire--Jan.17,p.8. TV Guide, considers satellite links with printing planta--Feb.14,p.6.

United Kingdom, 2 major British entertainment companies join to develop satellite programming--Jan. 17, p. 5.

United Press International, to buy up to 1,400 earth stations from Harris-Jan. 24,p.l; to buy 1,000 small earth stations from Equatorial Communications-Jan. 31,p.l.

United Satellite Communications Inc. (formerly United Satellite Televi-sion), GSat decides against power boost on USCI transponders--Feb. 14,p.2; SBS tells FCC why USCI should use its satellites--Feb.14, p. 2; sas tells ret why soci should use its asterlite-rec. 14, p. 3; will definitely pre-empt most of DBS market, study says; DBS licensee says "bunk"--Feb. 28, p. 4; and GSat get Telesat to agree to drop Western transponders from Anik C contract--Feb. 28, p. 8; USCI says SBS can't fill its needs; SBS disagrees--Mar. 14, p. 6; hires 4

says SBS can't fill its needs; SBS disagrees—Mar.14,p.6; hires 4 more executives—Mar.28,p.10.

United Satellite TV, Frudential reportedly considers investing in USTV—Jan.10,p.8; sets Sept. I as DBS start-up date, hires ad agency—Jan.24,p.6; Frudential expected to sign DBS deal; seeks to cut back on number of transponders', GSat looks at higher power levels—Jan.31,p.3; Frudential agrees to invest \$45 million; company changes name—Feb.7,p.1; places \$600 million order with General Instrument—Feb.7,p.2.

United States Congress, U.S. may be "getting its act together" on in-ternational telecommunications--Mar. 28, p. 8.

- ternational telecommunications—Mar.28,p.8.
  United States Satellite Systems Inc., forms satellite user consulting service, names 2 vice presidents—Feb.14,p.3.
  U.S.S.R., Soviets plan Mars mission—Jan.10,p.5; red spy satellite expected to fall to earth despite Soviet denial—Jan.10,p.7; red satellite still falling, re-entry expected Jan. 19-26—Jan.17,p.8; Soviets oust American diplomat, accusing him of satellite espionage—Har.14,p.6; possible reusable vehicle tracked by NORAD—Har.
- Videostar, leases SBS Ku-band capacity for networking services -- Jan. 24, p. 6.
- WARC '85, group down-scales transponder demand projection, reviews fi-
- WARC '85, group down-scales transponder demand projection, reviews fi-ber optics impact--Feb.21,p.2; improvements in ground equipment, not space segment, expected to boost satellite capacity--Feb.28, p.3; calm session held on emergency satellite system--Mar.28,p.8. Western Union, sells Spacecom share to Fairchild, Continental for \$29 million--Jan.3,p.1; plans to seek orbital slots from FCC--Jan.3, p.1; American Satellite to buy more capacity--Jan.3,p.2; to make big push into international market via satellite--Jan.10,p.3; SBS asks FCC not to allow to "inherit" Advanced Wester orbital slots--Feb. 7, 7, 7, 19 wars to sell more transponders. Feb. 7, p. 7; WU wants to sell more transponders, but FCC must be consulted-Feb. 14, p. 5.
- West Germany, takes over use of 2 experimental Symphonic satellites-Feb.7,p.5; space budget set at \$318.5 million--Feb.28,p.5. Wold Communications, plans to sue Financial News Network after custo-
- mer's switch from Wester IV to Satcom IV--Jan. 24, p. 3. World Administrative Radio Conference, Third World may restrict geosyn-
- chronous orbit use, WARC planner warns-Feb. 14, p. 6.
- World Space Foundation, private foundation plans solar sail orbital flight for 1985-86--Jan. 10, p. 6.

THE INDEX CEASED PUBLICATION WITH MARCH 28, 1983.